

PARTS CONTROL SYSTEM

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PURPOSE: To count the number of parts in real time for each process without adding a terminal of a production control computer to a production line by controlling the number of parts for each process by means of an IC card.

CONSTITUTION: When an instruction is displayed for shipment of parts via a production control computer 2, the parts are taken out of a parts collecting shelf 1 and at the same time the types and the quantity data of the parts used in the relevant process are written into an IC card. A parts tray and the IC card are carried to each designated process by a parts carrier 6 and the information on the manufacturing way and the stock quantity of parts are read out of the IC card by an IC card input/output devices 7W10 which are set close to each work process. When the work is through, an unfinished product is sent to its next process and the data on the necessary quantity are written into the IC card via the devices 7W10 for each type of parts. Then the IC card is sent to the computer 2 via a terminal 3 and then sent again to the next process together with the unused parts.

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